

IN THE CLAIMS:

Please amend the claims as follows:

Claims 1-4 (cancelled)

Claim 5 (currently amended) A lithium rechargeable battery,
comprising:

a current collecting material; and

a conductor-mixed electrode active material, which is a mixture of an electrode material having lithium, and a conductive material obtained by use of ~~at least one hard ball in~~ a ball mill without a binder, said conductor-mixed electrode active material is formed on a surface of said current collecting material.

Claim 6 (previously presented): The lithium rechargeable battery according to claim 5, wherein

said active electrode material having the lithium is lithium manganate whereas the conductive material is carbon.

Claim 7 (previously presented): A lithium rechargeable battery according to claim 5, wherein

a surface on the current collecting material in contact with an electrode layer is rough.

Claim 8 (previously presented): The lithium rechargeable battery according to claim 5, wherein

a current collector layer made of an electrical conduction assistant and an anchor material are between the current collecting material and an electrode layer.

Claim 9 (previously presented): A method of making a lithium rechargeable battery, comprising the steps of:

making a conductor-mixed active electrode material by stirring and mixing an active electrode material having lithium and a conductive material together with hard balls without use of a binder, and

attaching by a binder the conductor-mixed active electrode material onto a surface of a current collecting material to thereby form a positive electrode structure.

Claim 10 (previously presented): The method of making a lithium rechargeable battery according to claim 9, wherein

the active electrode material is lithium manganate whereas the conductive material is carbon.

11. (Deleted)

Claim 12 (previously presented): The lithium rechargeable battery according to claim 5, wherein

said conductor-mixed active electrode material has conductive material bonded in a flocculent form on the surface.

Claim 13 (previously presented): The method of making a lithium rechargeable battery according to claim 9, wherein

said conductor-mixed active electrode material has conductive material bonded in a flocculent manner on the surface.